



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

IFW

APPLICANT: Nevin et al. **GROUP:** 2823
SERIAL NO: 10/699,503 **EXAMINER:** L.H. Ming
FILED: October 31, 2003

FOR: METHOD FOR FORMING A FILLED TRENCH IN A SEMICONDUCTOR LAYER OF A SEMICONDUCTOR SUBSTRATE, AND A SEMICONDUCTOR SUBSTRATE WITH A SEMICONDUCTOR LAYER HAVING A FILLED TRENCH THEREIN

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Sir:

RESPONSE TO THE NOTICE OF DRAWING INCONSISTENCY MAILED
MAY 25, 2006

In response to the Notice of Drawing Inconsistency mailed May 25, 2006, Applicants submit herewith a correction to the specification so that the Brief Description of the Drawings section of the specification now refers to Figures 19 and 20. Attached herewith is a substitute Page 10 of the specification in which line 30 has been amended to refer to Figures 14-20 so as to be inclusive of Figures 19 and 20.

If any further information or amendments are needed to proceed with the issuance of this case, please contact the Applicant's undersigned representative immediately.

Respectfully submitted,

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Please amend the specification at page 10, line 30 as follows:

Fig. 5 is a view similar to Fig. 4 of an SOI structure according to another embodiment of the invention,

5 Fig. 6 is a view similar to Fig. 4 of an SOI structure according to a further embodiment of the invention being formed,

Fig. 7 is a view similar to Fig. 4 of the SOI structure of Fig. 6 also being formed,

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Fig. 8 is a view similar to Fig. 4 of an SOI structure according to a still further embodiment of the invention,

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Fig. 9 is a view similar to Fig. 4 of an SOI structure according to a still further embodiment of the invention,

Fig. 10 is a view similar to Fig. 4 of an SOI structure according to the invention, which is substantially similar to the SOI structure of Figs. 3 and 4 being formed,

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Fig. 11 is a view similar to Fig. 4 of the SOI structure of Figs. 6 and 7 being formed,

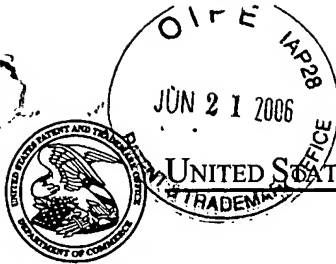
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Fig. 12 is a view similar to Fig. 4 of the SOI structure of Figs. 6 and 7 also being formed,

Fig. 13 is a view similar to Fig. 4 of the SOI structure of Fig. 9 being formed, and

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Figs. 14 to ~~18~~20 are photomicrographs of semiconductor layers with isolation filled trenches whereby the isolation filled trenches have been formed by methods according to the invention.



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EXAMINER

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Please find below and/or attached an Office communication concerning this application or proceeding.



UNITED STATES PATENT AND TRADEMARK OFFICE

UNDER SECRETARY OF COMMERCE FOR INTELLECTUAL PROPERTY AND
DIRECTOR OF THE UNITED STATES PATENT AND TRADEMARK OFFICE

NOTICE OF DRAWING INCONSISTENCY WITH SPECIFICATION

The drawings filed 03 - 03 - 2006 have been received. However, an inconsistency exists between the drawings and the Brief Description of the Drawings in the specification.

Figure _____ is listed in the Brief Description of the Drawings in the specification but not contained in the Drawings.

Figures 19 and 20 are contained in the Drawings but not listed in the Brief Description of the Drawings in the specification.

Applicant is required to correct the above-noted inconsistency within a time period of **ONE MONTH or THIRTY (30) DAYS, whichever is longer**, from the mailing date of this Notice, or within the time remaining in the time period set forth in the Notice of Allowability (Form PTOL-37) to file corrected drawings, whichever is longer. **NO EXTENSION OF THIS TIME PERIOD MAY BE GRANTED UNDER EITHER 37 CFR 1.136 (a) OR (b)**

Failure to correct the above noted inconsistency will result in **abandonment** of the application.

The file will be held in the Publishing Division to await the correction of the inconsistency.

Return Corrected Drawings/Specification to:

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